SouthernLINC

i570 Phone

User's Guide

Dummy Page - To be discarded before printing

IMPORTANT NOTICE: PLEASE READ PRIOR TO USING YOUR PHONE

The SIM card provided in this kit is intended for use with the phone provided in this package.

Loss of certain features will result when using a SIM card from one of the following models: *i*30*sx*, *i*35*s*, *i*50*sx*, *i*55*sr*, *i*58*s*, *i*60*c*, *i*80*s*, *i*85*s*, *i*88*s*, *i*90*c*, *i*95*cl* series, and the *i*2000 series.

For more information on SIM card compatibility, go to www.motorola.com/iden.

Defects or damage to your Motorola phone that result from the use of non-Motorola branded or certified Accessories, including but not limited to replacement housings and or other peripheral accessories, are excluded from warranty coverage. Please refer to the text of Motorola's Limited One Year warranty located in this user's guide for complete details.

DECLARATION OF CONFORMITY

Per FCC CFR 47 Part 2 Section 2.1077(a)

Responsible Party Name: Motorola, Inc.

Address: 8000 West Sunrise Boulevard
Plantation, FL 33322 USA
Phone Number: 1 (800) 453-0920

Hereby declares that the product:

Product Name: i570

Model Number: H65XAN6RR4CN

Conforms to the following regulations:

FCC Part 15, subpart B, section 15.107(a), 15.107(d) and section 15.109(a)

Class B Digital Device

As a personal computer peripheral, this device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

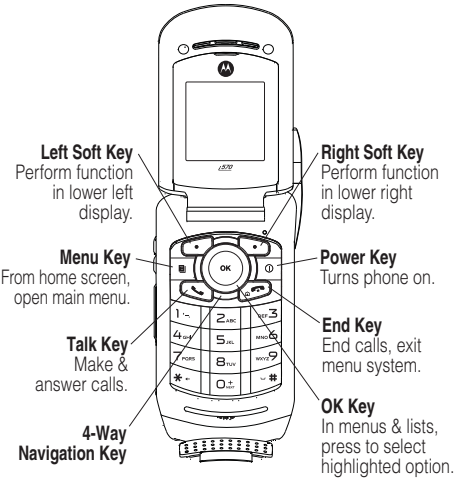
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

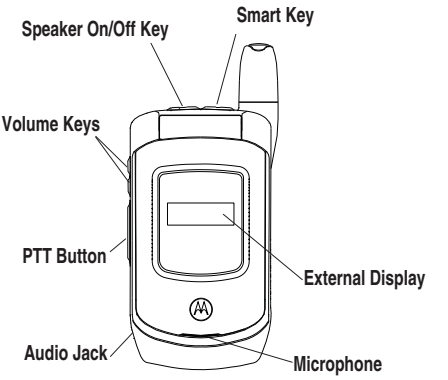
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

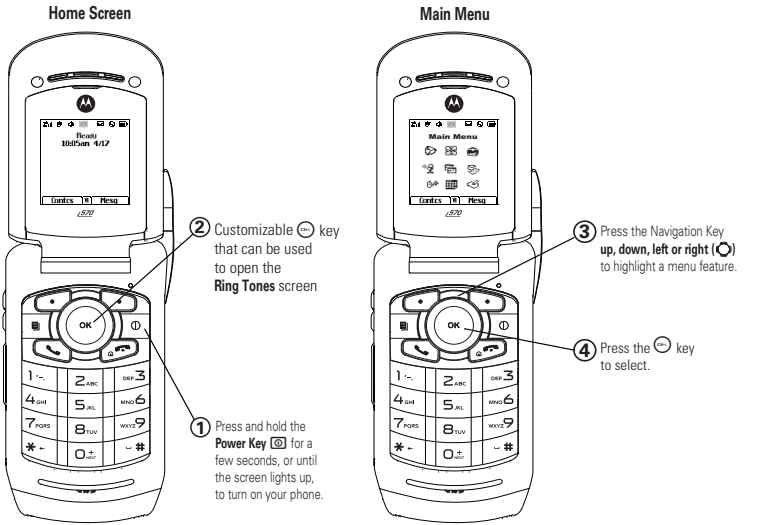
HELLOMOTO

Introducing your new Motorola i570 phone. Here's a quick anatomy lesson.





check it out


Home Screen
Main Menu
Main Menu
Contcs
Menu
OK
2 Customizable key that can be used to open the **Ring Tones** screen
1 Press and hold the **Power Key** for a few seconds, or until the screen lights up, to turn on your phone.
3 Press the Navigation Key **up, down, left or right** to highlight a menu feature.
4 Press the key to select.

Motorola, Inc.
Consumer Advocacy Office
1307 East Algonquin Road
Schaumburg, IL 60196

www.hellomoto.com

1-800-331-6456 (United States)
1-888-390-6456 (TTY/TDD United States for hearing impaired)
1-800-461-4575 (Canada)

Product Support:

www.motorola.com/iden

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this user's guide are based upon the latest available information and are believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

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Manual Number: NNTN7316A

Software Version: D8A.00.10

CP Version: 5F.03.00

USR Version: U8AA.02.02

Electrical Requirements:

Lithium Ion Battery 3.7V

Power Adapter: 100-240V ~ 50-60Hz, 0.3A

Output of the Adapter: 5V 850mA

contents

check it out 2
contents 4
menu map 6
Use and Care 8
essentials 9
about this guide 9
SIM card 10
battery 11
turn it on & off 14
enable security 14
make a phone call 15
answer a phone call. . . 15
make an InstantLINC Mobile to Mobilecall . . 15
answer an InstantLINC Mobile to Mobile call . . 16
store a phone number or LINC ID . . . 16
call a stored phone number or LINC ID . . . 17
find your phone number and LINC ID . . 18
text messages 18
manage memory 21
using your handset as a modem. 22
main attractions 24
LINC features 24
one touch PTT 28
surveillance profile. . . . 29
basics 30
display 30
text entry 31
navigation key 34
handsfree speaker. . . . 34
airplane mode 34
features for the hearing impaired 35
calls. 37
recent calls 37
caller ID 38
call forward 38
voice name 39
emergency calls 39
international calls. 40
speed dial 41
voice mail 41
LINCaround 42
customize. 48
volume. 48
ring tones 48
wallpaper 50
datebook 50

hide or show location information . . 51
other features 53
advanced calling 53
contacts 54
datebook. 55
GPS 55
handsfree 56
pc applications 57
personalize 57
TTY. 58
security. 58
Safety and General Information 62
Service & Repairs 67
Specific Absorption Rate Data 68
Motorola Limited Warranty for the United States and Canada 70
Hearing Aid Compatibility 75
Information From the World Health Organization 77
Patent and Trademark Information 79
Privacy and Data Security 80
Smart Practices While Driving 81

menu map

main menu

Settings (see next page)

Downloads

Browser Apps

Java Apps
- Buy More
- Java System

Ring Tones
- Buy Ring Tones
- Vibrate All: On/Off
- Ringers
- Vibrate
- Silent
-

My Pictures

Call Forward
- Forward: All Calls
- To: On/Off

LINCaround
- Go To LINCaround
- LA Options
- Help

VoiceRecord
- [New VoiceRec]

Datebook
- [New Event]

Shortcuts
- [New Entry]
- 1)Shortcuts
- 2)Cntcs[New Contact]
- 3)Ring Tones
- 4)LINC Manager
- 5)Browser Apps
- 6)Java Apps
- 7)Settings
- 8)Profiles
- 9)Call Forward

Profiles
- [New Profile]
- Surveillance
- Standard
- Car
- Meeting
- Office
- Outdoors
- Headset

Call Alert

Call Timers
- Last Call
- Phone Reset
- Phone Lifetime
- Prvt/Grp Reset
- Prvt/Grp Life
- Circuit Reset
- Circuit Lifetime
- Kbytes Reset

My Info
- My Name
- Line 1
- Line 2
- LINC ID
- Group ID
- Carrier IP
- IP1 Address
- IP2 Address
- Circuit Data

Recent Calls

Memo

Contacts
- [New Contact]

Messages
- [Create Message]
- Voice Mail
- Fax Mail
- Net Alert
- Text Inbox
- Drafts
- Text Outbox
- Quick Notes

GPS
- Position
- Privacy
- Interface

settings menu

Display/Info
- Wallpaper
- Palette
- Text Size
- Home Icons
- Backlight
- Clock
- Menu View
- Large Dialing: On/Off
- Contrast Ext
- Language

Phone Calls
- Set Line
- Any Key Ans
- Auto Redial
- Call Waiting
- Auto Ans
- Flip Activation
- Minute Beep
- Call Duration
- TTY
- Hearing Aid
- Notifications

InstantLINC
- Tkgrp Silent
- Tkgrp Area
- One Touch PTT
- Alert Type
- LINC View: On/Off

Personalize
- Menu Options
- Up Key
- Down Key
- Left Key
- Right Key
- Center Key
- Left Sftkey
- Right Sftkey
- Power Up

Volume
- Line 1
- Line 2
- Messages
- Earpiece
- Speaker
- Keypad
- Java Earpiece
- Java Speaker
- Data

Security
- Phone Lock
- Keypad Lock
- SIM PIN
- GPS PIN
- Change Passwords

Advanced
- Alert Timeout:
- Headset/Spkr:
- Connectivity
- Reset Defaults
- Return to Home
- Airplane Mode
- Phone Only
- Baud Rate

Use and Care

To care for your Motorola phone, please keep it away from:

liquids of any kind

Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture.

dust and dirt

Don't expose your phone to dust, dirt, sand, food, or other inappropriate materials.

extreme heat or cold

Avoid temperatures below -10°C/14°F or above 45°C/113°F.

cleaning solutions

To clean your phone, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.

microwaves

Don't try to dry your phone in a microwave oven.

the ground

Don't drop your phone.

essentials

Caution: Before using the phone for the first time, read the Important Safety and Legal information included in the gray edged pages at the back of this guide.

about this guide

This guide shows how to locate a menu feature as follows:

Find it: Ⓜ > Settings

This means that, from the home screen:

1 Press the *menu key* Ⓜ to open the menu.

2 Press the *navigation key* ⓞ to scroll to **Settings**, and press the *center key* ⓞ to select it.

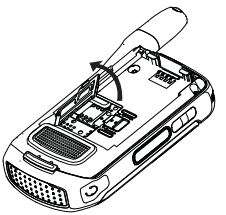
symbols	
	This means a feature is network/ subscription dependent and may not be available in all areas. Contact SouthernLINC Wireless for more information.
	This means a feature requires an optional accessory.

SIM card

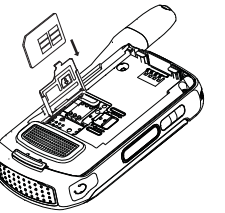
insert the SIM card

Turn off your phone and remove your battery before you install or remove a SIM card.

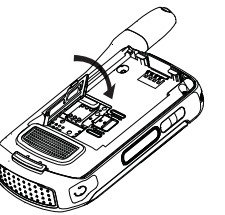
1 Slide the latch and open the SIM card holder.



2 Carefully slide your SIM card into the SIM card holder.



3 Close the SIM card holder.



Warning: To avoid loss or damage, do not remove your SIM chip from your phone unless absolutely necessary.

battery

Battery Use & Battery Safety

- **Motorola recommends you always use Motorola-branded batteries and chargers.** The warranty does not cover damage caused by non-Motorola batteries and/or chargers.

  Caution: Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard. Improper battery use, or use of a damaged battery, may result in a fire, explosion, or other hazard.

- Battery usage by children should be supervised.

- **Important**: Motorola mobile devices are designed to work best with qualified batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:

  - Remove the battery and inspect it to confirm that it bears a Motorola "Original Equipment" hologram;
  - If there is no hologram, the battery is not a qualified battery;
  - If there is a hologram, replace the battery and retry charging it;
  - If the message remains, contact a Motorola Authorized Service Center.

- New batteries or batteries stored for a long time may take more time to charge.

- **Charging precautions:** When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging. Always take your mobile

device with you when you leave your vehicle.

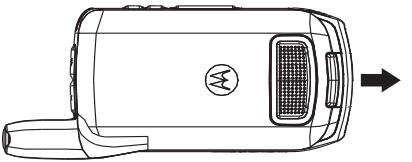
- When storing your battery, keep it in a cool, dry place.
- It is normal over time for battery life to decrease, and for the battery to exhibit shorter runtime between charges or require more frequent or longer charging times.
- **Avoid damage to battery and mobile device.** Do not disassemble, open, crush, bend, deform, puncture, shred, or submerge the battery or mobile device. Avoid dropping the battery or mobile device, especially on a hard surface. If your battery or mobile device has been subjected to such damage, take it to a Motorola Authorized Service Center before using. Do **not** attempt to dry it with an appliance or heat source, such as a hair dryer or microwave oven.
- **Use care when handling a charged battery**: particularly when placing it inside a pocket, purse, or other container with metal objects. Contact with metal objects (e.g., jewelry, keys, beaded chains) could complete an electrical circuit (short circuit), causing the battery to become very hot, which could cause damage or injury.

Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center for proper battery disposal.

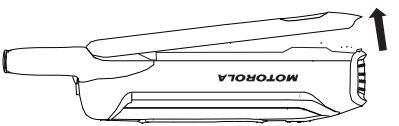
Warning: Never dispose of batteries in a fire because they may explode.

battery installation

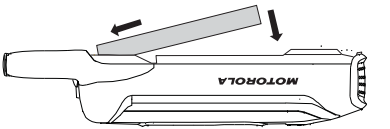
1 Slide the release button back until it releases the battery door.



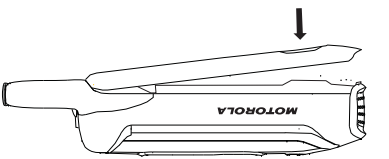
2 Remove the battery door.



3 Push the battery down until it snaps in place.



4 Replace the battery door and press it gently until you hear a click.

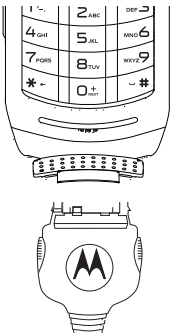


battery charging

New batteries are not fully charged.

1 Insert the charger into the connector on your phone as shown.

2 Plug the other end of the charger into the appropriate electrical outlet.



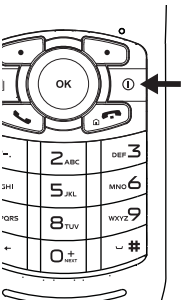
When you charge the battery, the battery level indicator at the upper right of the screen shows charging progress. At least one segment of the indicator must be visible to ensure full phone functionality while charging.

Tip: Motorola batteries have circuitry that protects the battery from damage from overcharging. Of course, unplugging the charger from the wall will avoid current drain.

turn it on & off

To turn on your phone, press and hold ⏻ for a few seconds or until the display turns on. If prompted, enter your four-digit unlock code.

To turn off your phone, press and hold ⏻ for two seconds.



enable security

You must enable security the first time you power on you phone or within 10 days of first activation.

1 Press and hold ⏻ to power on your phone.

2 Press ⊙ under **Ok**.

3 Your are prompted to enable security. Press ⊙ under **Yes**.

4 Press ↩ to return to the idle screen.

make a phone call

Enter a phone number and press ✆ to make a call or use a voice name. See "voice name" on page 39.

Tip: For best performance avoid touching the antenna with your fingers during the call.

To hang up, close the flip or press ↩.

answer a phone call

When your phone rings and/or vibrates, you have the following options to answer the call:

1 If you want to talk on speaker phone, press the speaker key 🔊 without opening the flip. To hang up press the smart key ■.

2 If you want to answer the call using the ear speaker, just open the flip and press ✆. To hang up, close the flip or press ↩.

Note: You must have the **Flip Activation** feature On. See "flip activation" on page 54.

make an InstantLINC Mobile to Mobilecall

With InstantLINC Mobile to Mobile calls, you use your phone as a long-range, digital 2-way radio using one-to-one InstantLINC Mobile to Mobile calls or one-to-many Talkgroup calls.

Your LINC ID is the number at which you receive one-to-one InstantLINC Mobile to Mobile calls.

Talkgroup numbers are numbers through which you receive one-to-many group calls.

1 To make an InstantLINC Mobile to Mobile call, enter the LINC ID you want to call.

2 Press and hold the PTT button. Begin talking after your phone emits a chirping sound.

3 Release the PTT button to listen.

To end the call press ⌐, or press ⊙ under **Exit**.

An InstantLINC Mobile to Mobile call ends automatically if there is no activity on the call for a few seconds.

Tip: To let someone know you want to talk to them on an InstantLINC Mobile to Mobile call, press ⊙ under **Alert** and press the PTT button.

answer an InstantLINC Mobile to Mobile call

1 When your phone emits a chirping sound or vibrates to indicate you are receiving an InstantLINC Mobile to Mobile call, wait for the caller to finish speaking.

2 Press and hold the PTT button and begin talking after your phone emits a chirping sound.

3 Release the PTT button to listen.

To end the call press ⊙ under **Exit**.

store a phone number or LINC ID

You can store a phone number or LINC ID in **Contacts**:

Find it: ⊙ > **Contacts** > **[New Contact]**.

1 Enter a name for the new entry. Each entry's name can contain 20 characters.

2 Select a specific **Ringer**.

3 Select a type for the entry (**Mobile**, **Work1**, **Work2**, **Home**, **Fax**, **Pager**, or **Other**).To store a LINC ID, choose **LINC ID**.

4 Enter the number for the entry.

5 Press ⊙ under **Done** when finished.

Tip: Before saving the entry, you can save more information. You can store E-mail addresses, IP addresses, or Talkgroup IDs. You can assign each number a speed dial number and voice name.

After you have saved the number, the new Contacts entry is displayed.

call a stored phone number or LINC ID

Shortcut: From the home screen press ⊙ under **Contcs**

or

Find it: ▣ > **Contacts**.

1 Scroll to the **Contacts** entry.

Tip: In **Contacts**, enter the first letter of the contact you want and your contact list will jump to the first contact name starting with the letter you typed.

2 If the Contacts entry contains more than one number, press OK left or right until the type of number you want to call is displayed (**Mobile, LINC ID, Work 1, Work 2, Home**, etc.)

3 If you chose a phone number, press ⌐ to call the entry.

or

If you choose a LINC ID or Talkgroup ID, press and hold the PTT button to call the number.

Tip: If the Contacts entry you scrolled to contains a LINC ID, you can make an InstantLINC Mobile to Mobile call to that LINC ID by pressing and holding the PTT button, even if the LINC ID is not the type of number displayed.

find your phone number and LINC ID

Find it: ▣ > **My Info**.

Tip: Want to see your phone number or LINC ID while you're on a call? Press ▣ > **My Info**.

text messages

Your phone sends text messages using Mobile Originated Short Messaging Services (MOSMS) and receives text messages from other phones that are using MOSMS.

set it up

Before you begin using text messaging, you may need to set up your signature, service center number, and expiration information.

Shortcut: From the home screen press ⊙ under **Msg** > **Text Inbox** > ▣ > **Text Msg Setup**.

or

Find it: ▣ > **Messages** > **Text Inbox** > ▣ > **Text Msg Setup**.

The following options become available:

option
Signature: Enter your signature (up to 11 characters long).
Srvc Cntr No: Enter the phone number of your service center. If you do not know this number, contact your service provider.
Expire After: This is the amount of time messages you send are saved at the service center if they cannot be delivered. After this period, they are discarded.
Auto Clean Up: Set this option to **On** if you want you phone to delete **Sent** messages. If you set **Auto Clean Up** to **On**, select **Clean Up After** to set the number of days after which sent messages are deleted or the number of messages to be kept.

Press ⊙ under **Done** to save the options you selected.

receive a text message

1 To view the message press ⊙ under **Read**.

2 To dismiss the message notification press ⊙ under **Back**.

Note: If your phone is powered off when you receive a text message, your phone notifies you the next time you power it on. If you are out of your coverage area, your phone alerts you when you return to your coverage area.

Tip: While reading a text and numeric message that contains a phone number, you can press ⌐ to call that number.

read from the message center

1 From the home screen press ⊙ under **Msg** > **Text Inbox**.

2 Select the message you want to read or press the number of the message you

want to read. If the message fills more than one screen, scroll to read it.

3 To save the message, press ⊙ under **Back** or to reply to the message, press ⊙ under **Reply** or to see all other choices, including forwarding and deleting the message, calling the sender, or storing the sender's number in **Contacts**, press ⊡.

create and send text messages

1 From the home screen press ⊙ under **Msg** > **[Create Message]**.

or

Select **Text Inbox**, **Text Outbox**, or **Drafts**.

2 To address the message use the keypad to enter the phone number of the person you want to send the message to and press ⊙.

or

Press ⊙ under **Browse** and select **Recent Calls, Contacts** or **Memo** and then the number you want.

3 Select **Msg**: and enter the text of the message or to use a quick note press ⊙ under **Browse** and scroll to the quick note you want.

4 Press ⊡ > **Set Send Method** and select **Text**, **Fax**, **X400**, **Paging**, **Email**, **ERMES**, or **Voice**.

5 If you want to send the message, press ⊙ under **Send** or to delete the message without sending it, press ⊙ under **Cancel**.

Note: If you want to request confirmation of delivery press ⊡ > **Send & Confirm**.

use drafts

When you save a message as a draft, it is saved in the drafts folder.

Shortcut: From the home screen press ⊙ under **Msg** > **Drafts**.

1 Select the draft you want to edit. You also have the choice to create new text messages from this menu.

2 To edit the fields you want to change, follow step 2 through step 5 in "create and send text messages" above.

resend text messages

Shortcut: From the home screen press ⊙ under **Msg** > **Text Outbox**.

1 Scroll to the message you want to resend or press the number of the message you want to resend.

2 Press ▣ > **Resend**.

delete sent text messages

Shortcut: From the home screen press ⊙ under **Msg** > **Text Outbox**.

1 Scroll to the message you want to delete.

2 Press ⊙ under **Delete**.

3 Press ⊙ under **Yes** to confirm.

delete all unlocked sent messages

Shortcut: From the home screen press ⊙ under **Msg** > **Text Outbox**.

1 Press ▣ > **Delete All.**

2 Press ⊙ under **Yes** to confirm.

manage memory

Your text inbox, outbox, and drafts folder have a set amount of memory available for storing messages.

The text inbox holds 20 messages. If the text inbox is full, you cannot receive messages until you delete some.

The outbox and drafts folder share memory space. Together they can hold 30 messages. If the outbox and drafts folder memory is full,

you cannot send messages or save drafts until you delete some.

To view the amount of memory available in your **Text Inbox, Drafts** or **Text Outbox**:

Shortcut: From the home screen press ⊙ under **Msg.**

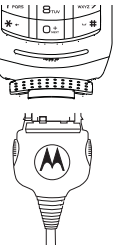
Select **Text Inbox, Drafts** or **Text Outbox** and press ⊙ under **Memory**

using your handset as a modem

You can use your handset as a modem with a laptop, handheld device, or desktop computer. In order to use your handset as a modem, you must create a wired connection between your handset and the other device.

connect with a data cable

use a data cable to connect your handset to a laptop, handheld device, or desktop computer:



1. Pull out the connector cover, and insert the charger into the connector on your phone as shown.
2. Insert the data plug into the data port of the other device.
3. Press ⊙ under **Change**.
4. Scroll to the baud rate for your location.
5. Press ⊙ under **Select**.

When used as a modem, your handset is enabled for **Packet Data** transfer mode, which is used for small file transfers such as Email.

Note: To use these services, you must install the iDEN Wireless Data Services software (available separately). For more information on setting up your computer and your handset for packet and circuit data calls, contact your service provider.

LINC features

Your phone can send and receive the following items through LINC ID Mobile to Mobile calls with other phones that have this capability:

- Pictures[1]
- My Info
- Contact information

When you make or receive an InstantLINC Mobile to Mobile call, your phone automatically determines whether the phone you are engaged in an InstantLINC Mobile to Mobile call with is able to receive each of these items. Your phone saves this information for as long as the LINC ID is on your **Recent Calls** list or is saved in your **Contacts**. Your phone updates the saved information each time you make or receive a call to or from that LINC ID.

You can turn your phone's ability to send and receive pictures on and off.

You cannot turn your phone's ability to send and receive My Info and contact information on and off.

Note: You cannot send LINC feature items during Talkgroup calls.

1. Additional charges may apply.

send pictures

This feature requires a subscription. Please contact your sales representative or SouthernLINC Wireless at 1-800-406-0151.

You can send pictures stored in **My Pictures** through InstantLINC Mobile to Mobile calls. The picture you send appears on the InstantLINC Mobile to Mobile call recipient's display.

If the recipient accepts the picture, their phone saves it.

The first time you send a stored picture after turning the phone on, **Picture Fees May Apply. Continue?** appears.

Note: You cannot make or receive InstantLINC Mobile to Mobile calls while transmitting or receiving a picture.

send a picture during a call

1 While in an InstantLINC Mobile to Mobile call press ⊙ under **Browse.**

2 Select the picture you want to send.

3 Push the PTT button to send.

Note: Pictures sent or received may be up to 100 kb. You cannot make or receive calls while transmitting a picture.

start a call by sending a picture

You can start a call by sending a picture that you have previously received and is stored in **My Pictures**.

Find it: ▣ > **My Pictures**.

1 Press ▣ > **LINC View**.

A list of **Contacts** and **Recent Calls** that have LINC IDs and are able to receive pictures appears.

2 Select the name of the person you want to send the picture to.

3 Push the PTT button to send the picture.

4 Wait while the picture is transmitted. The InstantLINC Mobile to Mobile call is temporarily interrupted while a picture is transmitted.

5 When prompted, press the PTT button to resume the InstantLINC Mobile to Mobile call.

receive a picture

When someone sends you a picture, your phone emits a tone or vibrates and a message appears asking if you want to accept the picture.

Pictures you receive are saved to your phone's memory. They are accessible through **My Pictures**.

When you see a message asking if you want to accept the picture, press ⊙ under **Yes** to accept or ⊙ under **No** to decline.

To stop the transmission before it is finished, press ⊙ under **Cancel**.

Note: The first time you accept a stored picture after turning the phone on, **Picture Fees May Apply. Continue?** appears and you are prompted to respond. Press ⊙ under **Yes** to accept the picture.

clear a picture from the display

If you want to remove a picture from your phone's display while still on a call, press ▣ > **Clear Screen**.

The picture will not appear on the display again the next time you receive a call from the person who sent it. This does not delete the picture from your phone's **My Pictures**.

turn sending pictures on and off

You can turn your phone's ability to send and receive pictures on and off.

Find it: ▣ > **Settings** > **InstantLINC** > **LINC View** > **On.**

send My Info

1 While in an InstantLINC Mobile to Mobile press ▣ > **LINC View My Info** and push the PTT button to send.

or

2 From the home screen press ▣ > **My Info** > ▣ > **LINC View My Info.**

3 Enter the LINC ID of the person you want to send your info to or press • under **Browse.**

4 Select a contact number from your **Recent Calls, Contacts** or **Memo**.

5 Push the PTT button to send your information.

set my info sending option

You can control what portion of the information in **My Info** is sent and whether it is sent automatically in every call or only when you choose to send it.

Find it: ▣ > **My Info** > ▣ > **LINC View Setup** > **Info To Send**.

The information your phone sends always includes **My Name** and **LINC ID**. You may also send **Line 1**, **Line 2**, and **Carrier IP**, depending on your sending options.

automatic sending

To control whether you send your information automatically:

Find it: ▣ > **My Info** > ▣ > **LINC View Setup** > **Auto Send.**

1 Select **On** or **Off**.

2 When you make a call in which your information is sent automatically, the name you entered in the **My Name** field of **My Info** appears on the display of the recipient's phone, even if your name and LINC ID are not stored in the recipient's **Contacts**.

send contact information

1 From the home screen press ⊙ under **Contcs** and select the contact information you want to send.

2 Press ▣ > **LINC View Contact**.

3 Enter the LINC ID of the person you want to send the contact info to or press ⊙ under **Browse.** Select a contact number from your **Recent Calls, Contacts** or **Memo**.

4 Push the PTT button to send the contact information.

one touch PTT

Find it: ▣ > **Settings** > **InstantLINC** > **One Touch PTT**

One Touch PTT sets your phone to do any of the following each time you push the PTT button:

option
Off — Nothing happens if you push the PTT button when the phone is in idle mode.
Last Call — Call the most recent LINC ID in the recent calls list.
Assigned Number — Call a LINC ID you assign. Enter the number using your keypad, or press ⊙ under **Search**. Select **Contacts, Recent Calls** or **Memo**. **Note:** If you are entering a Talkgroup number, press # before the number.

surveillance profile

When the unit is set to *Surveillance* mode, it DOES NOT turn on its backlight, make sounds or vibrate. This setting is designed for public safety, the unit will only ring through an earbud or headset and will only show an incoming call message on the screen.

Find it: > **Profiles > Surveillance.**

1 Insert the earpiece or headset when prompted to do so and press OK.

Note: Surveillance profile works better with a Motorola Original™ Surveillance Earpiece for concealed hands-free operation and high audio quality, sold separately.

2 The phone is now operating in surveillance mode.

basics

See page 1 for a basic phone diagram.

display

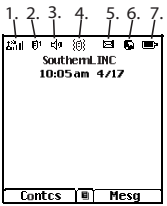
The *home screen* shows when you turn on the phone. To dial a number from the home screen, press number keys and ⌐.

Note: Your home screen may look different.

Soft key labels ⊡ show the current soft key functions. For soft key locations, see page 1.

status indicators

Status indicators are shown at the top of the home screen:



1 Signal Strength Indicator: Vertical bars show the strength of the network connection. You can't make or receive calls when 𝕋 or 𝕋⊘ shows.

2 **Active Phone Line:** 1 indicates phone line 1 is ready to make calls; 2 indicates phone line 2 is ready to make calls.

3 **Speaker On/Off**: Sounds associated with InstantLINC Mobile to Mobile calls and group calls are set to come through the earpiece rather than through the speaker.

4 **Ringer Off:** Your phone is set to not ring.

5 **Message Indicator:** Shows when you receive a text message.

6 **Packet Data:** Your handset is ready to transfer packet data or is transferring packet data.

7 **Battery Charge Indicator:** A fuller battery indicates a greater charge. Recharge the battery when your phone shows **Low Battery**.

text entry

Some features let you enter text.

Your phone provides convenient ways to enter words, letters, punctuation, and numbers whenever you are prompted to enter text (for example, when adding a Contacts entry or when text messaging).

change the character input method

1 When you see a screen where you can enter text, press ⊡ to change the character input method.

2 Select one of the following options:

entry methods	
Alpha	Press a key several times for each characters.
Word	Enter words using a predictive text entering system that lets you enter a word with fewer key presses.
Symbols	Enter symbols.
Numeric	Enter numbers by pressing the numbers on the keypad.
Languages	Select the language in which you want to write the message.

Tip: When entering text, press and hold # to change letter capitalization (**Abc** > **ABC** > **abc**).

word method

Word English Text Input lets you enter text into your phone by pressing keys just once per letter.

Word English Text Input analyzes the letters you enter using an intuitive word database and creates a suitable word in the language you are using to type the message. (The word may change as you type.)

enter a word using Word Character Input

1 Select the **Word** character input method.

2 Press the corresponding keys once per letter to enter a word (for example, to enter the word **Bill**, press 2 4 5 5). (If you make a mistake, press • under **Delete** to erase a single character. Press and hold • under **Delete** to delete an entire entry.)

3 The database might find the word before you finish typing. To accept a word and insert a space, press #.

To accept a word completion (such as Billion when you entered Bill), press OK **right**.

alpha method

To enter characters by tapping the keypad:

1 Select the **Alpha** method.

2 Press the corresponding keys repeatedly until the desired letter appears. (For example, to enter the word **Bill**, press 2 twice, 4 three times, 5 three times, and 5 three times again. If you make a mistake, press • under **Delete** to erase a single character. Press and hold • under **Delete** to erase an entire word.)

By default, the first letter of an entry is capitalized and the following letters are lower cased. After a character is entered, the cursor automatically advances to the next space after two seconds or when you enter a character on a different key.

Characters scroll in the following order:

characters	
1	Space . 1 ? ! , @ & : ; " - ( ) ' ¿ ¡ % £ $ ¥
2	A B C 2 Á Ã Â À Ç
3	D E F 3 É Ê È
4	G H I 4 Í Ì
5	J K L 5
6	M N O 6 Ó Õ Ô Ò
7	P Q R S 7 ß
8	T U V 8 Ú Ü Û Ù
9	W X Y Z 9
0	+ - 0 * / \ [ ] = > < # §
#	Space

characters	
*	Back

navigation key

Press the *navigation key* up, down, left, or right to scroll to items in the display. When you scroll to something, press OK.

handsfree speaker

You can use your phone's handsfree speaker to make calls without holding the phone to your ear.

During a call (with the flip open), press ⊙ under **Speaker** to turn the handsfree speaker On.

The handsfree speaker stays on until you press ⊙ under **Speaker** or close the flip.

Note: The handsfree speaker won't work when your phone is connected to a handsfree car kit or headset.

airplane mode

Note: Consult airline staff about the use of *Airplane Mode* during flight. Turn off your phone whenever instructed to do so by airline staff.

Airplane mode turns off your phone's calling features in situations where wireless phone use is prohibited. You can use the phone's other non-calling features when Airplane Mode is activated.

Find it: ☰ > **Settings** > **Advanced** > **Airplane Mode** > **On.**

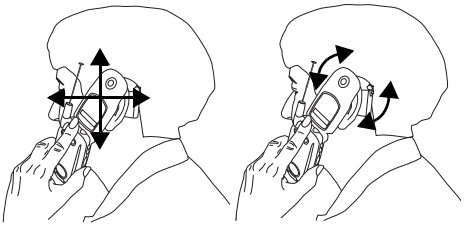
features for the hearing impaired

using your phone with a hearing aid

For best results use the following optimization procedures and handset setting. They generally apply as well for users with cochlear implants:

optimize your handset position and orientation

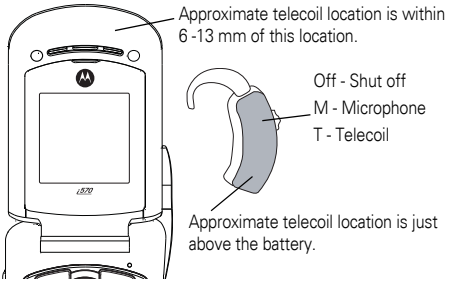
While in a phone call slide your phone up and down, then left and right until best microphone coupling is obtained. You also may need to adjust your hearing aid (HA) volume setting.



If your HA has a telecoil, activate its switch, then also rotate the handset as illustrated to align the telecoils.

Note: Some automatically switched hearing aids may need an auxiliary switching magnet.

If you are unsure whether your HA is telecoil equipped or needs an auxiliary magnet, please refer to your HA user guide or contact a hearing aid professional or supplier.



optimize your handset antenna position

Your phone's rating for Hearing Aid compatibility is determined with the antenna extended if it has an extendable antenna. However, acceptable use might occur with the antenna retracted. Test your handset in both antenna positions when the handset is in the optimum orientation.

choose your hearing aid setting

Find it: > **Settings** > **Phone Calls** > **Hearing Aid**.

1. Set this option to **Microphone**. Microphone coupling is now optimized.

   or

2. Set this option to **Telecoil**. Handset meets US federal requirements for telecoil coupling sound.

   or

3. Set this option to **Off** (factory default). This is the setting for non Hearing Aid users.

calls

To make and answer calls, see page 15.

recent calls

The recent calls list contains information associated with calls you have made and received and call alerts you have received.

When you send or receive InstantLINC Mobile to Mobile calls, the recent call list contains the following PTV items with those calls:

- Contact information received
- My Info received
- Pictures sent or received.

The recent calls list displays up to 20 of the most recent calls and call alerts.

1 Press ⊡ > **Recent Calls**.

2 Scroll through the list.

store an item to contacts from recent calls

Phone calls, InstantLINC Mobile to Mobile calls, My Info, or Contacts entries received from other phones can be stored to the **Contacts** list from the **Recent Calls** list.

Find it: ⊡ > **Recent Calls**.

1 Scroll to or select the item you want to store.

2 Press ⊙ under **Store** to save the information as a new entry in the Contacts list.

or

3 If **Save** is not one or your options, press ⊟ > **Update Contacts**. And select the contact you want to update.

4 Press ⊡ under **Done** to save your changes.

redial

To redial your last outgoing call, press and hold ⌁.

caller ID

Note: This feature requires a subscription. Please contacts your sales representative or SouthernLINC Wireless at 1-800-406-0151.

Caller ID allows people to identify a caller before answering the phone by displaying the number of the incoming call. If you do not want your number displayed when you make a call, just follow these easy steps.

To block your phone number from being displayed for a specific outgoing call:

1 Press ✱ 6 7.

2 Enter the number you want to call.

3 Press ⌁.

To permanently block your number, call your customer service provider.

call forward

Call forwarding sends calls to the phone numbers you specify. You can forward all calls to one number or forward missed calls to different numbers depending on the reason you missed the call. You can forward phone lines 1 and 2 independently.

Find it: ⊟ > **Call Forward**.

1 To forward all calls select **All Calls** and select **To:** to enter the phone number you want all your calls forwarded to.

or

2 You can specify a forwarding number for each type of missed call by selecting **Detailed** and choosing the following options:

If Busy: When your handset is on a call or transferring data.

If No Answer: When you do not answer on the first 4 rings.

If Unreachable: When your handset is out of coverage or powered off.

voice name

You can place calls by speaking commands to your phone if you have previously assigned a voice name to your contacts.

assign voice names to contacts

1 Press ⊙ under **Contcs** and select **[New Contact].**

2 Assign a name, phone number and select **[Options]**.

3 Select **Voice Name** and follow the prompt to record the voice name.

4 Press ⊙ under **Back** and ⊙ under **Done**.

place a call using voice name

With the flip closed or open, press the speaker key 🔊 until you are prompted to say the voice name.

The handset will automatically place the call.

emergency calls

Your service provider programs one or more emergency phone numbers that you can call under any circumstances, even when your

phone is locked or the SIM card is not inserted.

Note: Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

Emergency phone calls can be made even when your SIM card is blocked or not in your phone.

Dial 911 or your local emergency number to be connected to an emergency response center. If you are on an active call, you must end it before making an emergency call.

When you make an emergency call, your phone's GPS Enabled feature can help emergency service personnel find you, if you are in a location where your phone's GPS antenna has established a clear view of the open sky and your local emergency response center has the equipment to process location information. Because of the limitations of this feature, always provide your best knowledge of your location to the emergency response center when you make an emergency call.

Note: Emergency calls cannot be placed while the keypad is locked.

Note: If you have not registered on the network, emergency calls cannot be placed while your SIM card is in your phone.

international calls

This feature requires a subscription. Please contact your sales representative or SouthernLINC Wireless at 1-800-406-0151.

speed dial

Each phone number stored in Contacts is assigned a Speed Dial number, which you can use to call that number.

1 From the idle screen, use the keypad to enter the Speed Dial number assigned to the phone number you want to call.

2 Press #.

3 Press .

turbo dial

The first nine entries in your contacts are set for turbo dial. They can be called by pressing and holding the speed dial number (1 through 9).

voice mail

Note: To receive voice mail messages, you must first set up a voice mail account with SouthernLINC Wireless.

receive a voice mail message

When you receive a voice mail message, **New VoiceMail Message** appears on the display.

To call your service provider's voice mail system and listen to the message, press under **Call**.

To dismiss the message notification:

If the flip is closed, press the smart key on the top.

If the flip is open, press , **Back**, or close the flip.

If the caller leaves a message, this icon appears on the display, reminding you that you have a new message.

LINCaround

This is an optional feature. Go to www.southernlinc.com/downloads or contact SouthernLINC Wireless at 1-800-406-0151 about its availability for purchase.

LINCaround allows direct two-way phone-to-phone communications between two or more phones equipped for LINCaround. You can make and receive LINCaround calls even when network service is not available. You can talk to anyone on your code and channel within your range.

Note: Range will vary based on terrain, man-made structures and atmospheric conditions.

LINCaround allows you to use code or private mode operation, use up to 10 channels and communicate with standalone LINCaround radios.

Note: LINCaround is not compatible with older Family Radio Services products.

The following features and main menu items will not be available while in LINCaround mode:

- On-network phone calls
- On-network InstantLINC Mobile to Mobile calls
- Data transmission
- Incoming message notification
- Musical ring tones
- Call forwarding
- Messages
- Call Timers
- Call alerts
- Voice records

set your phone to LINCaround

Find it: Ⓜ > **LINCaround** > **Go To LINCaround**.

After a few seconds, the **LINCaround** idle screen appears. The channel you are set to appears on the first line of the display, the code you are set to appears on the second line of the display and **LA Ready** appears just above the softkeys.

Note: When switching from the network to **LINCaround**, the last channel and code that were set appear on the **LINCaround** idle screen.

While in **LINCaround**, this icon appears on the display, indicating that there is no network signal and **LINCaround** is active.

Phones used in LINCaround mode should be a minimum of 6 feet apart to maximize performance and improve transmission range.

exit LINCaround

Find it: Ⓜ > **LA Options** > **Exit LINCaround**.

The following message displays: **Switching to Network Please Wait** displays. After a few seconds, the network idle screen appears.

channels and codes

Your phone has 10 channels and 15 codes.

Channels are divided into sets of frequencies that allow you to make and receive LINCaround calls. Other parties may also be talking on the same channel.

Codes help minimize interference from unwanted messages and other disturbances when you are on the same channel as others.

To have a conversation, all parties must be on the same channel and code. For private LINCaround calls, the person you are calling

must be in LINCaround and set to the same channel to receive your call.

Note: When making a code call, all parties that are on your code and channel can hear your conversation.

set a channel

1. From the LINCaround idle screen, press ⊙ under **Edit**.
2. Scroll to **Channel** and press ⊙ under **Edit**.
3. Select a channel number from 1 to 10.
4. When you are finished, press ⊙ under **Back** to return to the LINCaround idle screen.

set a code

1. From the LINCaround idle screen, press ⊙ under **Edit**.
2. Scroll to **Code** and press ⊙ under **Edit**.
3. Select a code number from 1 to 15 or one of the following options:

option
Receive All Sets your phone to receive LINCaround transmissions from any phone that is set to the same channel, regardless of the code (1-15). When you receive transmissions with the code set to **Receive All**, the display changes from **Receive All** to the code on which the transmission was received. **Tip:** You can reply to an incoming call within 6 seconds after hearing the short ending beep by pressing the PTT button. **Note:** You cannot initiate a code call when the code is set to **Receive All**. If you push the PTT button with the code set to **Receive All**, you will receive an error message.

option
Pvt Only Allows you to have a private conversation with another person using LINCaround. When on a private LINCaround call, no other parties can hear your conversation. In order to make a private LINCaround call, you must use the valid 10-digit Personal Telephone Number (PTN) of the person you are calling. The person you are calling must be in LINCaround and set to the same channel to receive your call. **Note:** An error message will occur if you don't use a valid PTN, or the person that you are trying to reach is not in LINCaround, or is set to a different channel or out of range.

4 When you are finished, press ⊡ under **Back** to return to the LINCaround idle screen.

make and receive code calls in LINCaround

To make a code call in LINCaround:

1 Push and hold the PTT button. **Transmit** appears on the first line of display. Begin speaking after your phone emits the LINCaround tone.

2 Release the PTT button to listen.

Note: The tone emitted from your phone when using LINCaround is 4 beeps and sounds different from the standard tone heard with on-network InstantLINC Mobile to Mobile and Talkgroup calls.

You could receive an error message if there are no parties on your channel or code, or if you are out of range.

When you receive a code call using LINCaround, **Receive** appears on the first line of the display.

Note: An incoming LINCaround call can be terminated at any time by pressing ⌐.

make a private LINCaround call

1. Enter the 10-digit PTN of the person you want to call on your channel, or press ⊡ under **Contacts** and select a contact, or scroll to a number in the recent calls list.
2. Push and hold the PTT button. Begin speaking after your phone emits the LINCaround tone.
3. Release the PTT button to listen.

The number or name of the person you are calling will appear in the first line of the display.

receive a private LINCaround call

1. The number or name of the person who initiated the call will appear in the first line of the display.
2. You can reply within 6 seconds simply by pushing the PTT button.

end a private LINCaround call

A private LINCaround call will end if there is no communication for 6 seconds.

Note: A private LINCaround call may be interrupted during the 6 second idle time by another code call or private call.

make emergency calls while in LINCaround mode

If you attempt to make an Emergency 911 call while in LINCaround mode, your phone will

automatically exit LINCaround mode and attempt to find a network signal.

Note: If you are out of network coverage your phone will not be able to make an emergency 911 cellular call until you go back into the network coverage area.

You must wait until the phone reconnects to the network before attempting to make an emergency 911 cellular call.

setup options

LINCaround setup options are available in the LA Options screen in both network and LINCaround modes.

access setup options in network

Find it: Ⓜ > **LINCaround**> **Setup**.

access setup options in LINCaround

Find it: Ⓜ > **LA Options** > **Setup**.

The following options become available:

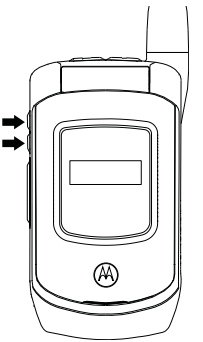
option
Direct Launch Launches your phone directly into LINCaround when you select LINCaround from the main menu. If **Direct Launch** is set to **On**, you will not see **LA Options** when you select **LINCaround** from the main menu. In order to have access to your setup options, **Direct Launch** must be set to **Off**. Or you can access setup options while in LINCaround by pressing Ⓜ and selecting **LA Options**.
State Tone Notifies you periodically with a tone that you are in **LINCaround** mode. You can select a time frame during which you want to be notified that you are in **LINCaround** mode. Select from **30 minutes**, **1**, **2**, **3** or **4 hours**.

customize

volume

Press the volume keys to:

- turn off an incoming call alert
- change the earpiece volume during calls
- change the ringer volume from the home screen



Tip: You can quickly set your ringer to **VibeAll** by pressing and holding the volume key down in the home screen.

ring tones

To set the ring tone your phone makes when you receive phone calls, call alerts, message notifications, pictures sent in InstantLINC Mobile to Mobile calls or Datebook reminders:

Note: Only ring tones stored in your phone's memory are available in the ring tones list. Not all audio files can be assigned as ring tones.

Find it: MENU > **Ring Tones**

1 Make sure **VibeAll** is set to **Off**.

2 Scroll through the list of ring tones and select the one you want to assign. **Vibrate** sets your phone to vibrate instead of

making a sound; **Silent** sets your phone to neither vibrate nor make a sound.

Tip: Highlighting a ring tone lets you hear it.

3 Select the features you want to assign the ring tone to.

4 When you are finished, press ⊡ under **Done**.

Note: This icon 🔕 appears on the display if you set your phone to **Silent**. This icon 📳 appears on the display if you set the phone to **VibeAll**.

set your phone to vibrate

You can set your phone to vibrate instead of making a sound when you receive all phone calls, InstantLINC Mobile to Mobile calls, Talkgroup calls, call alerts, messages notifications, pictures sent in InstantLINC Mobile to Mobile calls, and Datebook reminders.

Find it: ⊡ > **Ring Tones** > **VibeAll** > **On**.

Shortcut: To set **VibeAll** to **On** using the volume controls, press the volume controls to turn down the volume as far as possible to set **VibeAll** to **On**.

To set your phone to vibrate instead of making a sound for some features but not others:

1 From the main menu, select **Ring Tones**.

2 Make sure **VibeAll** is set to **Off**.

3 Select **Vibrate** from the list of ring tones.

4 Select the features you want to set to vibrate.

5 When you are finished, press ⊡ under **Done**.

wallpaper

Set an image as a wallpaper (background) in your phone's home screen or throughout all menu screens.

Find it: ▣ > **Settings** > **Display/Info** > **Wallpaper.**

To select a wallpaper image scroll through the list of pictures and press OK to select the picture of your choice.

Note: You can set the wallpaper to change automatically after a certain period of time by turning on the **Auto Cycle** feature located in the Wallpaper menu.

datebook

Find it: ▣ > **Datebook** > ▣ > **Setup**.

You can view or change these options:

option
Start View: Sets Datebook to start in day view, week view, or month view when you access Datebook.
Daily Begin: Sets the beginning of your day. This is the earliest time of day displayed in week view, if you have a 12-hour day view.
Delete After: Sets the amount of time Datebook waits to delete an event after it occurs.
Time Shift: Lets you shift the times of all Datebook events. This is useful if you are traveling to a different time zone.
Alert Timeout: Sets the amount of time a tone continues to sound when you receive a Datebook reminder.

option
Clock: Controls whether the time and date appear on the idle screen; sets time and date format; sets year.

hide or show location information

Your phone is equipped with a Location feature for use in connection with location-based services that may be available in the future.

The Location feature allows the network to detect your position. Turning Location off will hide your location from everyone except 911.

Note: Turning Location on will allow the network to detect your position using GPS technology, making some applications and services easier to use. Turning Location off will disable the GPS location function for all purposes except 911, but will not hide your general location based on the cell site serving your call. No application or service may use your location without your request or permission. GPS-enhanced 911 is not available in all areas.

set your privacy options

Find it: ☰ > **GPS** > **Privacy.**

Select from the following options:

option
Restricted: No Java or similar software applications may view the location of your phone. However, location information may still be available to the phone's owner, fleet manager, or account administrator.
Unrestricted: All applications may view the location of your phone, without notifying you.

option
By Permission: When an application attempts to view the location of your phone, you will be prompted to give permission. However, location information may still be available to the phone's owner, fleet manager, or account administrator.

advanced calling

feature	
call waiting	To accept the second call and put the active call on hold press ⊙ under **Yes**. To accept the second call and end the active call press ⌧. Your phone rings with the second call for you to answer.

feature	
3-way call	Make or receive a phone call and press ▣ > **3 Way.** Enter the second phone number, press ⌧ and ⊙ under **Join.** **Tip:** For quick ways to enter the number, press ▣ to see the dialing menu. You cannot make any other calls after you have joined a 3-way call, even if one party disconnects.

feature	
flip activation	To make your handset to answer and end calls by opening and closing the flip press ⊡ > **Settings** > **Phone Calls** > **Flip Activation**. Select **Flip To Ans** > **On** and **Flip to End** > **On**.
any key answer	To answer phone calls by pressing any key on the keypad press ⊡ > **Settings** > **Phone Calls** > **Any Key Ans** > **On**.

contacts

feature	
edit/delete contact entry	Press ⊙ under **Contacts.** Select a contact and press ⊙ under **Edit.** Change the desired content and press ⊙ under **Done**.
set ringer ID	Press ⊙ under **Contacts.** Select a contact and press ⊙ under **Edit** > **Ringer.** Select desired ringer and press ⊙ under **Done.**

datebook

feature	
create datebook events	To create a new Datebook event press ⊡ > **Datebook** > **[New Event].**
see datebook event	To see a calendar event press ⊡ > **Datebook**. Press ⊙ left or right to see the day and ⊙ up or down to see the events.
event reminder	When an event reminder occurs press ⊡ under **View.** Press ⊡ under **Back** to close the reminder.

GPS

Note: To improve GPS performance:

- Stay in the open,
- Extend your phone's antenna
- Move away from other electrical or electronic devices
- Remain stationary.
- Avoid touching the antenna with your fingers.

feature	
view approximate location	To see your approximate location press ⊡ > **GPS** > **Position.** Scroll to view the entire screen. To recalculate position press ⊡ under **Rfrsh**. This may take several minutes.

feature	
set GPS privacy options	To set the level of privacy for your GPS system press ▣ > **GPS** > **Privacy.** If your GPS PIN security feature is enabled, enter your GPS PIN and select the privacy option you want.
change GPS PIN	**Note:** When you receive your phone, your GPS PIN is 0000. To change your GPS PIN press ▣ > **Settings** > **Security** > **Change Passwords** > **GPS PIN.** Enter the current GPS PIN and enter the new 4- to 8-digit GPS PIN. Re-enter the new 4- to 8-digit GPS PIN to confirm.

handsfree

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

feature	
speaker-phone	To activate the speakerphone while driving press and hold the speakerphone key 🔊 or press ⊙ under **Speaker**.

feature	
auto answer	To automatically answer calls when connected to a car kit or headset press OK > **Phone Calls** > **Auto Ans.** Select the amount of rings before answering.

pc applications

feature	
other PC applications	For a list of complete PC applications visit www.motorola.com/iden

personalize

feature	
language	Set menu language: Press OK > **Display/Info** > **Language**
backlight time length	Select how long the display screen and keypad are backlit: Press OK > **Display/Info** > **Backlight**
menu style	Show the main menu as graphic icons or a text-based list: Press OK > **Display/Info** > **Menu View**
clock display	Press OK > **Display/Info** > **Clock** > **On**

TTY

feature	
turn On TTY feature	From the home screen press ⊡ > **Settings** > **Phone Calls** > **TTY** > **Use TTY** > **On.**
choose TTY mode	From the home screen press ⊡ > **Settings** > **Phone Calls** > **TTY** > **Type.** Select from **TTY, VCO** or **HCO.**
change the TTY baud rate	From the home screen press ⊡ > **Settings** > **Phone Calls** > **TTY** > **Baud.** Select **45.45** or **50.00**
change TTY mode during a call	While in the TTY call, press ⊡ > **In Call Setup** > **TTY** > **Type.** Select from **TTY, VCO** or **HCO**.

security

feature	
phone lock	To lock the phone press ⊡ > **Settings** > **Security** > **Phone Lock** > **Lock Now** or **Auto Lock.**
keypad lock	To lock the keypad press ⊡ > **Settings** > **Security** > **Keypad Lock** > **Lock Now** or **Auto Lock.** **Shortcut:** To lock the keypad press ⊡ > ⊛
enable SIM PIN	To enable SIM PIN, press ⊡ > **Settings** > **Security** > **SIM PIN** > **On**.
change SIM PIN	To change the SIM PIN, press ⊡ > **Settings** > **Security** > **Change Passwords** > **SIM PIN**.

Note: You can make emergency calls on a locked phone (see page 39). A locked phone

still rings or vibrates for incoming calls or messages, but you need to unlock it to answer.

MOTOROLA

Important Safety and Legal Information

Safety and General Information

This section contains important information on the safe and efficient operation of your phone. Read this information before using your integrated multi-service portable radio.*

Exposure to Radio Frequency (RF) Energy

Your phone contains a transmitter and receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Portable Radio Product Operation and EME Exposure

Your Motorola radio product is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy (EME):

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J.
- American National Standards Institute (ANSI) / Institute of Electrical and Electronics Engineers (IEEE). C95. 1-1992.
- Institute of Electrical and Electronics Engineers (IEEE). C95. 1-2005 Edition.*
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998.
- Ministry of Health (Canada). Safety Code 6. Limits of Human Exposure to Radio frequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999.
- Australian Communications Authority Radio communications (Electromagnetic Radiation - Human Exposure) Standard 2003.
- ANATEL, Brazil Regulatory Authority, Resolution 303 (July 2, 2002) "Regulation of the limitation of exposure to

* The information provided in this document supersedes the general safety information in user's guides published prior to May 1, 2006

electrical, magnetic, and electromagnetic fields in the radio frequency range between 9 kHz and 300 GHz." "Attachment to Resolution 303 from July 2, 2002."

Operational Precautions

To assure optimal radio product performance and to be sure that human exposure to RF does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions:

Phone Operation

When placing or receiving a phone call, hold your radio product as you would a wireline telephone. **Speak directly into the microphone**.

Two-way radio operation

Your radio product has been designed and tested to comply with national and international standards and guidelines regarding human exposure to RF electromagnetic energy, when operated in the two-way mode (at the face, or at the abdomen when using an audio accessory) at usage factors of up to 50% talk/50% listen.

Transmit no more than the rated duty factor of 50% of the time. To transmit (talk), push the PTT button. To receive calls, release the PTT button. Transmitting 50% of the time or less, is important because this radio generates measurable RF energy only when transmitting (in terms of measuring for standards compliance).

When using your radio product as a traditional two-way radio, **hold the radio product in a vertical position with the microphone one to two inches (2.5 to 5 cm) away from the lips**.

If you wear a radio product on your body when transmitting, always place the radio product in a Motorola approved clip, holder, holster, case or body harness. If you do not use a body-worn accessory supplied or approved by Motorola and are not using the radio product in the intended use positions along side the head in the phone mode or in front of the face in the two-way radio mode, or if you hang your device from a lanyard around your neck, keep the device at least 2.5 centimeters (1 inch) from your body when transmitting.

Approved Accessories

For a list of approved Motorola accessories call 1-800-453-0920, or visit our website at www.motorola.com/iden.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed or otherwise configured for RF energy compatibility. In some circumstances your handset may cause interference with other devices.

Follow Instructions to Avoid Interference Problems

Turn OFF your radio product where posted notices instruct you to do so.

In an aircraft, turn off your radio product whenever instructed to do so by airline staff. If your radio product offers an airplane mode or similar feature, consult airline staff about using it in flight.

Implantable Medical Devices

If you have an implantable medical devices, such as a pacemaker or defibrillator, consult your physician before using this radio product.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the phone more than 20 centimeters (8 inches) from the implantable medical device when the phone is turned ON.
- DO NOT carry the phone in a breast pocket;
- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that the interference is taking place.

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with your implantable medical device, consult your health care provider.

Hearing Aids

Some phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer or physician to discuss alternatives.

Other Medical Devices and Health Care Facilities

If you use any other personal medical devices, consult your physician or the manufacturer or your device to determine if it is adequately shielded from RF energy. Turn off your radio product when instructed to do so in hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Driving Precautions

Check the laws and regulations on the use of radio products in the area where you drive. Always obey them.

When using your radio product while driving, please:

- Give full attention to driving and to the road. Using a phone may be distracting. Discontinue a call if you can't concentrate on driving.
- Use hands free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

- Do not place a handset in the airbag deployment area.

Responsible driving practices can be found in the "Smart Practices While Driving" section at the end of this guide and/or at the Motorola Web site: www.motorola.com/callsmart.

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Operational Warnings

Obey all posted signs when using phones in public areas.

Potentially Explosive Atmospheres

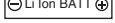
Areas with potentially explosive atmospheres are often but not always posted, and can include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain, dust or metal powders.

When you are in such area, turn off your handset, and do not remove, install, or charge batteries unless it is a radio product type especially qualified for use in such areas as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL approved). In such areas, sparks can occur and cause an explosion or fire.

Batteries and Chargers

Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see the "Battery Use and Battery Safety" section in this user's guide.

Your battery, charger, or portable radio may contain symbols, defined as follows:

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or phone in a fire.
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not throw your battery or phone in the trash.
	Your phone contains an internal lithium ion battery.

Symbol	Definition
	Do not let your battery, charger, or phone get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Choking Hazards

Your portable radio or its accessories may include detachable parts, which may present a choking hazard to small children. Keep your device and its accessories away from small children.

Glass Parts

Some parts of your phone may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your phone until the glass is replaced by a qualified service center.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing video games or enabling a flashing-lights feature (if available) on your phone.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are very tired.

Caution About High Volume Usage

Listening at full volume to music or voice through a headset may damage your hearing.

Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

Service & Repairs

If you have questions or need assistance, we're here to help.

Go to www.motorola.com/iden, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-453-0920 (United States), 1-877-483-2840 (TTY/TDD United States for hearing impaired).

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

Specific Absorption Rate Data

ALL MODELS WITH FCC ID AZ489FT5844 MEET THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.[1] Tests for SAR are conducted using standard operating positions reviewed by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that is does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.05 W/kg and when tested on the body, as described in this user guide, is 1.15 W/kg during packet data transmission. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.)[2]

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at http://www.ctia.org or the Canadian Wireless Telecommunications Association (CWTA) Web site: http://www.cwta.ca

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Note: FOR IDEN SUBSCRIBER PRODUCTS, ACCESSORIES AND SOFTWARE PURCHASED IN THE UNITED STATES OR CANADA

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its Motorola iDEN Digital Mobile and Portable Handsets ("Products"), Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-Roms or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. **This limited warranty is a consumer's exclusive remedy, and applies as follows to new Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:**

Products Covered	Length of Coverage
Products as defined above.	**One (1) year** from the date of purchase by the first consumer purchaser of the product.
Accessories as defined above.	**One (1) year** from the date of purchase by the first consumer purchaser of the product.
Products or Accessories that are Repaired or Replaced.	**The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer.

Products Covered	Length of Coverage
Software as defined above. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	**Ninety (90) days from the date of purchase.**

What is not covered? (Exclusions)

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Ornamental Decorations. Ornamental decorations such as emblems, graphics, rhinestones, jewels, gemstones and their settings, and other decorative elements, are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of Non-Motorola Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, including without limitation, software changes, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, antennas, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products, Accessories or Software is excluded from coverage.

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be

uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media. Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided "as is" and without warranty.

Who is covered? This warranty extends only to the first consumer purchaser, and is not transferable.

What will Motorola Do? Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information? To obtain service or information, please call:

Motorola iDEN Customer Services 1-800-453-0920 or 954-723-4910

TTY-877-483-2840

Or visit us online at http://www.motorola.com/iden/support

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There? ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OF IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or

exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the exclusive rights to reproduce and distribute copies of the Motorola software. Motorola software may only be copied into, used in, and redistributed with, the Products associated with such Motorola software. No other use, including without limitation disassembly of such Motorola software or exercise of the exclusive rights reserved for Motorola, is permitted.

Patent and Software Provisions

MOTOROLA will defend, at its own expense, any suit brought against the end user purchaser to the extent that it is based on a claim that the Product or parts infringe a United States patent, and Motorola will pay those costs and damages finally awarded against the end user purchaser in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following:

a.That MOTOROLA will be notified promptly in writing by such purchaser of any notice of such claim;

b.That MOTOROLA will have sole control of the defense of such suit and all negotiations for its settlement or compromise; and

c.Should the Product or parts become, or in MOTOROLA'S opinion be likely to become, the subject of a claim of infringement of a United States patent, that such purchaser will permit MOTOROLA, at its option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes non-infringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the Product or parts as established by MOTOROLA.

MOTOROLA will have no liability with respect to any claim of patent infringement which is based upon the combination of the Product or parts furnished hereunder with software, apparatus or devices not furnished by MOTOROLA, nor will MOTOROLA have any liability for the use of ancillary equipment or software not furnished by MOTOROLA which is attached to or used in connection with the Product or any parts thereof.

Laws in the United States and other countries preserve for MOTOROLA certain exclusive rights for copyrighted MOTOROLA software, such as the exclusive rights to reproduce in copies and distribute copies of such MOTOROLA software. MOTOROLA software may be used in only the Product in which the software was originally embodied and such software in such Product may not be replaced, copied, distributed, modified in any way, or used to produce any derivative thereof. No other use including, without limitation, alteration, modification, reproduction, distribution, or reverse engineering of such MOTOROLA software or exercise or rights in such MOTOROLA software is permitted. No license is

granted by implication, estoppel or otherwise under MOTOROLA patent rights or copyrights.

Hearing Aid Compatibility

A number of Motorola phones have been tested for hearing aid compatibility. When some wireless phones are used with certain hearing aids, users may detect a noise which can interfere with the effectiveness of the hearing aid.

Some hearing aids are more "immune" than others to this interference noise, and phones can also vary in the amount of interference noise they may generate. ANSI standard C63.19 was developed to provide a standardized means of measuring both mobile phone and hearing aids to determine usability rating categories for both.

Ratings have been developed for mobile phones to assist hearing aid users find phones that may be compatible with their hearing aid. Not all phones have been rated for compatibility with hearing aids. Phones that have been rated have a label with the rating(s) located on the box, and at www.motorola.com/accessibility.

These ratings are not guarantees of compatibility. Results will vary depending on the user's hearing aid and individual type and degree of hearing loss. If a hearing aid is particularly vulnerable to interference, even a phone with a higher rating may still cause unacceptable noise levels in the hearing aid Trying out the phone with your hearing aid is the best way to evaluate it for your personal needs.

"M" Rating: Phones rated M3 or M4 meet FCC requirements for hearing aid compatibility and are likely to generate less interference to hearing aids than unrated phones. (M4 is the "better" or higher of the two ratings.) On those models with an extendable antenna, this rating is determined only with the antenna extended.

"T" Rating: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing aid's telecoil ("T Switch" or "Telephone Switch") than unrated phones. (T4 is the "better" or higher of the two ratings.) On those models with a telecoil mode setting, this rating is determined only with the phone so set. For setting instructions, see "Features for the Hearing Impaired" in the section entitled "Advanced Calling Features". Note that not all hearing aids have telecoils in them.

Hearing aids may also be measured for immunity to interference from wireless phones and may have ratings similar to wireless phones. Ask your hearing health care professional for the rating of your hearing aid. Add the rating of your hearing aid and your phone to determine the estimated usability:

- Any combined rating equal to or greater than six offers excellent use.
- Any combined rating equal to five is considered normal use.

- Any combined rating equal to four is considered usable.

Thus, if you use an M3 phone with a M3 hearing aid you will have a combined rating of six for "excellent use." This methodology applies equally for T ratings.

More information about hearing aid compatibility may be found at: www.motorola.com/accessibility, www.fcc.gov, www.fda.gov, and www.hearingloss.org/learn/cellphonetech.asp

Information From the World Health Organization

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using hands-free devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

Further information: http://www.who.int./peh-emf

Product Registration

Online Product Registration:

http://direct.motorola.com/hellomoto/Motosupport/source/registration.asp

Product registration is an important step toward enjoying your new Motorola product. Registering helps us facilitate warranty service, and permits us to contact you should your product require an update or other service. Registration is for U.S. residents only and is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

Wireless: The New Recyclable

Your wireless phone can be recycled. Recycling your phone reduces the amount of waste disposed in landfills and allows recycled materials to be incorporated into new products.

The Cellular Telecommunications Industry Association (CTIA) and its members encourage consumers to recycle their phones and have taken steps to promote the collection and environmentally sound recycling of end-of-life devices.

As a phone user, you have an important role in ensuring that this device is recycled properly. When it comes time to give this phone up or trade it in for a new one, please remember that the phone, the charger, and many of its accessories can be recycled. It's easy. To learn more about CTIA's Recycling Program for Used Wireless Devices, please visit us at:
http://recycling.motorola.young-america.com/ index.html

California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:

"Perchlorate Material - special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate."

There is no special handling required by consumer.

Patent and Trademark Information

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Privacy and Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your phone may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access:** Keep your phone with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date:** If Motorola or a software/application vendor releases a patch or software fix for your phone which updates the device's security, install it as soon as possible.
- **Erase before recycling:** Delete personal information or data from your phone prior to disposing of it or turning it in for recycling. For step-by-step instructions on how to delete all personal information from your device, please contact your local service provider.
- **Understanding AGPS:** In order to comply with emergency caller location requirements of the FCC, certain Motorola phones incorporate Assisted Global Positioning System (AGPS) technology. AGPS technology also can be used in non-emergency applications to track and monitor a user's location, for example, to provide driving directions. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

If you have further questions regarding how use of your phone may impact your privacy or data security, please contact Motorola at privacy@motorola.com, or contact your service provider.

Smart Practices While Driving

Drive Safe, Call Smart SM

Check the laws and regulations on the use of phones and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. Go to www.motorola.com/callsmart **for more information.**

Your phone lets you communicate by voice and data, almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your phone while driving, remember the following tips:

- **Get to know your Motorola phone and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a hands-free device.** If possible, add an additional layer of convenience to your phone with one of the many Motorola Original™ hands-free accessories available today.
- **Position your phone within easy reach.** Be able to access your phone without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility, driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your phone to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.**

- **Use your phone to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.**
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

* Wherever wireless phone service is available.

index

A

accessories 9, 29
active phone line 31
advanced calling 53
  3-way calls 53
  call waiting 53
airplane mode 34
alert
  set 48, 49
  turn off 48
answer a call 15

B

backlight 57
battery 13, 14
battery indicator 31

C

call
  answer 15
  any key answer 54
  end 15
  make 15
call forward 38
caller ID 38
center key 34
center select key 9
clock 57
contacts 54
  edit/delete 54
  set ringer ID 54

D

datebook 55
  create events 55
  customize 50
  see events 55
  view reminders 55
dial a phone number 15
dialed calls 37
display 30
Drafts 20
  see also text messages, drafts

E

earpiece volume 48
emergency number 39
end a call 15
end key 15
export regulations 67

F

flip 15
flip activation 54
frequently asked questions
  service and repairs 67

G

GPS 55
  approximate location 55
  privacy options 56
GPS enabled
  emergency calls 40
GPS, see GPS enabled

H

handsfree 56
  auto answer 57
  speaker-phone 56
handsfree speaker 34
Hearing Aid
  using your phone with 35
Hearing Aid Compatibility 75
home screen 30

I

incoming call message 38
instant LINC 28
InstantLINC Mobile to Mobile calls
  answer 16
international calls 40

L

language 57
LINC features 24
LINCaround 42
  channels 43
  codes 43
  emergency calls 46
  private LINCaround calls 46
  setup options 47
low battery message 31

M

make a call 15
Memory
  text messages 21
menu style 57
Message center
  text messages 19
message indicator 31
modem
  using your handset as a 22

N

navigation key 9, 34

O

optional accessory 9, 29
optional feature 9

P

packet data 31
PC applications 57
personalize 57
phone number 18
picture ID 38
power key 14
PTT features 24
PTV features
  send My Info 27
  send pictures 25

R

radio frequency 62
received calls 37
recent calls 37
recycling 78
redial 38
ring style indicator 31
ring style, setting 48
ring tones
  off 48, 49
  setting 48
  vibrate 48, 49
ring tones, setting 48
ringer volume 48

S

safety
  radio frequency 62
  RF energy interference 63
safety information 62
safety tips 81
security 58
send key 15
set 18
signal strength indicator 30
SIM card 10
  change SIM PIN 58
  enable SIM PIN 58
soft keys 30
speaker 31
speed dial 41
  store your number 18
  surveillance profile 29

T

tap text entry method 33
text 18
text entry 31
text messages 18
  creating 20
  deleting 21, 22
  drafts 20
  memory 21
  message center 19
  receiving 19
  resend messages 21
  sending 20
  sent messages 21
  setting up 18
TTY calls 58
turn on/off 14

U

using 35

V

voice mail
  receiving 41
  setting up 41
voice names 39
voicemail 41
voicemail message
    indicator 41
volume 48

W

wallpaper 50
WHO information 77

Y

your phone number 18